

Barristers & Solicitors
Patent & Trade-mark Agents

McCarthy Tétrault LLP
Box 48, Suite 4700
Toronto Dominion Bank Tower
Toronto ON M5K 1E6
Canada

RECEIVED
CENTRAL FAX CENTER

NOV 25 2004

McCarthy Tétrault

Facsimile

22 Total number of pages including cover sheet.

November 25, 2004
CM# 123081-339646
TKID: 8913

If you have any problems receiving this
transmission, please telephone:
Central Fax Services at 416 601-7503

Original placed on file

Name:	Firm:	Telephone:	Fax:
To: U. S. Patent Office	U.S. Patent Office	703-308-6607	703-872-9306
From: Robert H. Nakano		416-601-7852	416-868-0673

United States Patent and Trademark Office
220 20th Street South
Customer Window, Mail Stop AMENDMENT
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia
Attn: Examiner Tuan PHAM

Re: United States Patent Application No. 10/025,741

Title: METHOD AND SYSTEM FOR ISOLATION OF A FAULT LOCATION
IN A COMMUNICATIONS DEVICE

Inventors: CHUAH, John et al.

Filing Date: December 26, 2001

Our Ref No: 123081-339646 (T01215-0079-US)

Please see the attached communication, including:

(1) Transmittal Form PTO/SB/21

(2) Fee Transmittal Form

(3) Information Disclosure Statement, including forms
PTO/SB/08 (4 sheets)

(4) Notice of Change of Representative, including
PTO/SB/122 (3 sheets)

(5) Certificate of Transmission by Facsimile

(6) A copy of EP 0 777 401, and of Patent Abstract of
Japan for JP 10233783

Certificate of Transmission:

Pursuant to 37 C.F.R. 1.8, I certify that the following correspondence is being transmitted via
facsimile transmission to the United States Patent and Trademark Office at telephone number
(703) 872-9306 on November 25, 2004.

Signature:

Name:

Date: November 25, 2004

TDO-RED #8252663 v. 1

This facsimile may be confidential and contain privileged information. If the reader of this facsimile is
not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby
notified that you have received this facsimile in error, and that any review, dissemination, distribution or
copying of it is strictly prohibited. If you are not the intended recipient, please notify us by telephone (call
us collect) and return this facsimile to us by mail. Thank you for your cooperation.
If you experience problems in receiving, please call 416 601-7503.

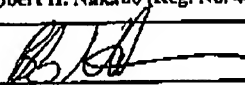
PTO/SB/21 (04-04)

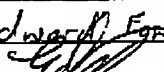
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/025,741	
	Filing Date	December 26, 2001	
	First Named Inventor	CHUAB, John	
	Art Unit	2661	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	21	Attorney Docket Number	123081-339646 (T01215-0079-US)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - References to IDS (1 foreign and 1 non-patent) - Notice of Change of Correspondence Address - Form PTO/SB/122 - Certificate of Transmittal by Facsimile
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McCarthy Tétrault LLP (Cust. No. 27,155) per Robert H. Nakano (Reg. No. 46,498)
Signature	
Date	November 25, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Typed or printed name	Edward Fong
Signature	
Date	Nov. 25, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$0.00

Complete if Known

Application Number	10/025,741
Filing Date	December 26, 2001
First Named Inventor	CHUAH, John
Examiner Name	To be assigned
Art Unit	2661
Attorney Docket No.	123081-339646 (T01215-0079-US)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit
Account
Number

15-0633

Deposit
Account
Name

McCarthy Tétraut LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	760	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** = 0	X	0.00
Independent Claims	-3** = 0	X	0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

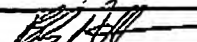
**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	480	2502	245	Design issue fee	
1503	680	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(a))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify):					
SUBTOTAL (3)					(\$)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)	Robert H. Nakano	Registration No. (Attorney/Agent)	46,498	Telephone	416-601-7852
Signature		Date	November 25, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

